PUNJAB CIVIL SECRETARIAT
24 JAN 1941
LAHORE

GOVERNMENT OF THE
CENTRAL PROVINCES AND BERAR
PUBLIC WORKS DEPARTMENT

ADMINISTRATION REPORT

OF THE

BUILDINGS & ROADS BRANCH

FOR THE YEAR ENDING THE

31ST MARCH 1940

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GOVERNMENT PRINTING, C. P. & BERAR
1941

G-5(17)
1941
15048

[Price—Annas Six]

ISSUE SLIP

Date of Issue	Issue Number	Date of Issue	Issue Number

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ADMINISTRATION REPORT OF THE BUILDINGS AND ROADS BRANCH, PUBLIC WORKS DEPARTMENT, CENTRAL PROVINCES AND BERAR, FOR THE YEAR ENDING THE 31ST MARCH 1940

1. Establishment.—Mr. P. V. Chance continued to hold charge of the office of Chief Engineer. Messrs. B. St. J. Newton and C. B. Roy held charge of the Mahanadi Circle and the First Circle of superintendence, respectively, throughout the year.

The Mahasamund and Baloda sub-divisions of the Lower Mahanadi Division were closed with effect from the 10th and 13th September 1939, respectively, and a new sub-division named Mahanadi sub-division, comprising the whole of the late Mahas mund ub-division and two sections of the Kankee sub-division was constituted at Raipur from the 10th Sep ember 1939. A new ub-division wa also constituted a Khamgaon in the West Berar Division with effect from the 1st September 1939.

2. Expenditure from the Road Development Fund.—The table below gives the expenditure on works and repairs executed from the Road Development Fund since its inauguration in 1929-30 :—

Year	Central Provinces share	Loan	Government of India reserve	Total
(1)	(2)	(3)	(4)	(5)
	Rs.	Rs.	Rs.	Rs.
1931-32 ..	74,345	..	..	74,345
1932-33 ..	1,84,271	..	9,099	1,93,370
1933-34 ..	2,22,300	..	4,806	2,27,106
1934-35 ..	3,68,535	1,628	1,46,296	5,16,459
1935-36 ..	5,32,748	3,88,692	2,83,994	12,05,434
1936-37 ..	5,39,225	7,52,294	2,21,650	15,13,169
1937-38 (*a*) ..	1,88,129	5,82,897	2,41,243	10,12,269
1938-39 (*b*) ..	4,31,781	—40	1,96,240	6,27,981
1939-40 (*c*) ..	4,58,278	..	48,020	5,06,298
Total ..	29,99,612	17,25,471	11,51,348	58,76,431
Amount of approved programme.	79,83,200	..	12,62,400	92,45,600

(*a*) Includes Rs. 23,638 incurred on repairs.

(*b*) Includes Rs. 41,789 incurred on repairs.

(*c*) Includes Rs. 50,914 incurred on repairs.

The loan programme was closed from the 1st April 1938 and all further works are being financed from the Central Provinces share of the Road Fund. A programme of work costing Rs. 30.9 lakhs was approved by the Government of India during the year and the works are in progress.

Expenditure from sources other than the Road Fund.—During the year the expenditure on works other than those financed from the Road Development Fund was as shown below :—

		Rs.
(1) Central—		
Original Works	..	3,680
Repairs	..	18,659
(2) Provincial—		
(*a*) Buildings—		
Original works	..	2,08,023
Repairs	..	4,86,900
(*b*) Communications—		
Original works	..	47,730
Repairs	..	24,17,300
(*c*) Miscellaneous—		
Original Works	..	5,698
Repairs	..	1,201
(3) 81—Civil Works not charged to Revenue—		
Original Works—		
(*i*) Buildings	..	2,08,179
(*ii*) Communications	..	..

The expenditure of Rs. 2,08,179 was incurred on the construction of the High Court building at Nagpur, on which the total expenditure to the end of the year was Rs. 6,78,477 as shown in Appendix V.

3. The expenditure on Central Works (Civil, Military, Archaeology, etc.) amounted to Rs. 22,339 as detailed below :—

Service head	Expenditure		
	Original works	Repairs	Total
(1)	(2)	(3)	(4)
	Rs.	Rs.	Rs.
58.—DEFENCE SERVICES			
Effective works ..	..	1,539	1,539
Other Military works ..	..	1,132	1,132
Total ..	..	2,671	2,671
50.—CIVIL WORKS			
Audit ..	1,684	1,873	3,557
Scientific Departmen's (Meteorological).	133	114	247
Total ..	1,817	1,987	3,804
32.—ECCLESIASTICAL			
Churches and cemeteries ..	516	6,590	7,106
33.—PAYMENTS TO CROWN REPRESENTATIVE			
Buildings ..	..	353	353
36.—SCIENTIFIC DEPARTMENTS			
Archaeological Department ..	..	7,058	7,058
Posts and Telegraph ..	1,347	..	1,347
Total—Central Works..	3,680	18,659	22,339

The only work of importance completed during the year was the construction of a Sub-Post Office with Sub-Post Master's quarters at Nagpur city at a cost of Rs. 36,060.

4. Provincial buildings executed by the Public Works Department.—Details of the expenditure on provincial buildings executed by the Public Works Department amounting to Rs. 6,27,392 are as follows :—

Service head	Expenditure		
	Original works	Repairs	Total
(1)	(2)	(3)	(4)
	Rs.	Rs.	Rs.
50.—CIVIL WORKS—PROVINCIAL ..	..		
Land Revenue	197	1,473	1,670
Excise ..	992	6,063	7,055
Forest	1,118	3,236	4,354
Registration ..	843	380	1,223
General Administration ..	30,333	1,99,344	2,29,677
Administration of Justice—			
Charged ..	174	1,104	1,278
Voted ..	4,846	12,402	17,248
Jails and Convict Settlements ..	6,611	29,559	36,170
Police ..	40,368	76,622	1,16,990
Ecclesiastical ..	..	288	288
Scientific Departments ..	419	329	748
Education other than European and Anglo-Indian Education.	14,781	50,503	65,284
Medical ..	31,694	21,707	53,401
Public Health ..	1,587	850	2,437
Agriculture ..	8,712	15,059	23,771
Industries ..	444	3,966	4,410
Civil Works—			
Public Works buildings ..	7,306	12,535	19,841
Losses on stock ..	34,820	720	35,540
Stationery and Printing ..	3,865	2,142	6,007
Total ..	1,89,110	4,38,282	6,27,392

The major works carried out during the year under the heads "Police", "Jails" and "Medical" are shown in Appendix V. Under other heads there were no works of special importance.

5. Provincial Communications executed by the Public Works Department.—The total expenditure on Provincial Communications executed by the Public Works Department amounted to Rs. 23,73,082 of which Rs. 4,91,161 was spent on original works and Rs. 18,81,921 on repairs. Of the latter amount, a sum of Rs. 17,52,659 was spent on annual repairs and Rs. 1,29,262 on special repairs. The amount spent on repairs includes a sum of Rs. 43,642 which was

financed from the Road Development Fund. Of the total expenditure of Rs. 4,91,161 on original works, a sum of Rs. 35,777 was met from provincial revenues and Rs. 4,55,384 from the Road Development Fund.

The major works carried out during the year from provincial revenues and the Road Development Fund are detailed in Appendix V.

The total mileage of class I roads maintained from provincial funds and the Road Development Fund was 5,322 as compared to 5,264 miles at the end of March 1939. The increase is due to the construction of new roads and raising in class of existing roads. The total mileage of classes II and III roads stood at 1,922 miles as compared to 1,962 miles at the end of March 1939. The reduction is due to certain roads having been raised to class I. These figures do not include roads maintained by the District Councils from their own funds.

6. 81.—**Civil Works not charged to Revenue.**—An expenditure of Rs. 2,08,179 was incurred during the year on the construction of the High Court building at Nagpur. The work is in progress and its financial position is detailed in Appendix V.

7. **Provincial Works executed through the agency of District Councils.**—The total expenditure on works executed through the agency of district councils was Rs. 6,59,404, of which Rs. 67,531 was incurred on buildings and Rs. 5,91,873 on communications. Of Rs. 67,531 spent on buildings, Rs. 18,913 was on original works and Rs. 48,618 on repairs. Of Rs. 5, 91,873 spent on communications, Rs. 11,953 was on original works and Rs. 5,59,845 on annual and Rs. 20,075 on special repairs. The expenditure on annual repairs includes Rs. 899 which was financed from the Road Development Fund. The total expenditure of Rs. 6,59,404 includes a sum of Rs. 88,492 on account of supervision charges at 15½ per cent (Establishment at 14 per cent and Tools and Plant at 1½ per cent) paid to the district councils. No major works were executed by the district councils. The maintenance of roads and buildings was, on the whole, carried out satisfactorily.

8. 54-A.—**Famine Relief.**—The total expenditure under this head during the year was Rs. 2,33,831. Of this, a sum of Rs. 2,23,051 was spent on relief works, Rs. 1,903 on purchase of new tools and Rs. 8,877 on counting, stacking, sorting of famine tools and their repairs and carriage. During the year famine relief operations were carried out on a large scale in Berar, Chanda and Wardha districts.

9. **Road surfaces.**—The improvement of the existing roads from the ordinary maintenance grant by laying of bituminous or tar surfaces in and near towns and cities, where traffic is heavy, is being continued as funds permit.

10. **Rates.**—There was no change in the schedule of rates.

11. **Arboriculture.**—All arboricultural operations have been stopped as a measure of economy. No decayed or fallen trees are replaced and no new trees are being planted.

12. **Tools and Plant.**—Out of the total expenditure of Rs. 1,71,705 under this head, Rs. 40,018 was incurred on the purchase of new tools and plant and mathematical instruments and Rs. 1,31,687 on the repairs and carriage of tools and plant, etc.

13. **Contributional works.**—A sum of Rs. 13,676 was spent on contributional wo.ks. No work of importance was carried out during the year.

B. ST. J. NEWTON,

NAGPUR: *Chief Engineer,*

The 8th October 1940. *P. W. D., C. P. and Berar.*

APPENDIX I

STATEMENT SHOWING THE EXPENDITURE UNDER ALL MAJOR HEADS FOR THE YEARS 1930-31 TO 1939-40

Provincial—Civil Works

Year	Establishment	Military Works and repairs	Central Civil, Posts and Telegraphs Archaeology, etc., works and repairs	Civil Buildings			Communications		
				Original works	Repairs	Total of columns (5) and (6)	Original works	Repairs	Total of columns (8) and (9)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1930-31 ..	15,36,027	7,869	64,500	6,66,931	6,69,303	13,36,234	7,68,915	23,80,269	31,49,184
1931-32 ..	12,12,177	7,087	28,012	1,56,938	5,07,137	6,64,075	3,48,628	20,45,312	23,93,940
1932-33 ..	12,71,315	5,932	26,535	75,788	5,07,137	5,82,925	3,52,049	19,81,603	23,33,652
1933-34 ..	12,88,207	3,341	26,582	94,887	4,84,890	5,79,777	3,41,845	20,61,812	24,03,657
1934-35 ..	12,92,290	5,726	24,898	1,55,130	4,95,530	6,50,660	5,47,108	21,55,662	27,02,770
1935-36 ..	15,09,231	3,317	23,070	2,81,439	6,58,024	9,39,463	8,33,042	20,67,896	29,00,938
1936-37 ..	15,77,577	2,936	25,036	4,85,085	5,70,147	10,55,232	6,15,292	19,39,291	25,54,583
1937-38 ..	16,60,943	3,199	59,106	7,15,251	4,87,801	12,03,052	4,78,034	19,52,573	24,30,607
1938-39 ..	15,53,708	2,975	70,857	3,77,434	4,32,938	8,10,372	6,38,654	18,48,590	24,87,244
1939-40 ..	14,20,071	2,671	19,668	1,89,110	4,38,282	6,27,392	4,91,161	18,81,921	23,73,082

APPENDIX I—*concld.*

STATEMENT SHOWING THE EXPENDITURE UNDER ALL MAJOR HEADS FOR THE YEARS 1930-31 TO 1939-40

Provincial—Civil Works

Year	Miscellaneous public improvements, original works and repairs	Works and repairs executed through local bodies	Tools and plant	Suspense	Total of columns (7), (10) and (11) to (14)	81.—Civil Works not charged to Revenue works and repairs	Contributions	Other heads (Added newly in 1932)	Grand total of columns (2) to (4) and (15) to (18)
(1)	(11) Rs.	(12) Rs.	(13) Rs.	(14) Rs.	(15) Rs.	(16) Rs.	(17) Rs.	(18) Rs.	(19) Rs.
1930-31 ..	40,098	11,65,967	1,87,663	−31,459	58,47,687	..	18,221	10,39,761	90,20,920 (i)
1931-32 ..	16,077	9,56,114	1,46,182	−25,353	41,51,035	..	15,268	5,29,042	59,46,619 (ii)
1932-33 ..	1,265	8,95,149	1,40,199	+ 5,629	39,58,819	..	35,246	79,307	53,95,732 (iii)
1933-34 ..	812	9,01,759	1,31,165	− 6,779	40,10,391	..	41,129	11,172	53,87,797 (iv)
1934-35 ..	1,006	8,07,223	2,01,787	−31,465	43,31,981	..	17,412	60,201	57,34,201 (v)
1935-36 ..	8,156	7,98,376	2,01,411	−23,112	48,25,232	..	39,710	4,35,960	68,36,727 (vi)
1936-37 ..	790	6,96,234	3,87,241	−10,591	46,83,489	..	24,350	8,26,939	71,44,485 (vii)
1937-38 ..	953	7,64,464	2,06,529	−37,630	45,67,975	7,63,117	40,958	69,104	71,67,756 (viii)
1938-39 ..	810	6,95,345	1,74,453	+63,026	42,31,250	2,50,024	25,018 (*a*)	49,547	61,87,025 (ix)
1939-40 ..	6,899	6,59,404	1,71,705	−53,213	37,85,269	2,08,179	13,744 (*b*)	60,152	57,43,585 (x)

(i) This includes an expenditure of Rs. 5,06,855 incurred during the year on Famine Relief Works and debited to the head "43-A.—Famine Relief".
(ii) This includes an expenditure of Rs. 3,998 incurred during the year on Famine Relief works and debited to the head "43-A.—Famine Relief".
(iii) This includes an expenditure of Rs. 18,548 incurred during the year on Famine Relief works and debited to the head "43-A.—Famine Relief".
(iv) This includes an expenditure of Rs. 6,975 incurred during the year on Famine Relief works and debited to the head "43-A.—Famine Relief".
(v) This includes an expenditure of Rs. 1,693 incurred during the year on Famine Relief works and debited to the head "43-A.—Famine Relief".
(vi) This includes an expenditure of Rs. 207 incurred during the year on Famine Relief works and debited to the head "43-A.—Famine Relief".
(vii) This includes an expenditure of Rs. 4,158 incurred during the year on Famine Relief works and debited to the head "43-A.—Famine Relief".
(viii) This includes an expenditure of Rs. 3,354 incurred during the year on Famine Relief works and debited to the head "54-A.—Famine Relief"..
(ix) This includes an expenditure of Rs. 3,646 incurred during the year on Famine Relief works and debited to the head "54-A.—Famine Relief".
(x) This includes an expenditure of Rs. 2,33,831 incurred during the year on Famine Relief works and debited to the head "54-A.—Famine Relief".
(*a*) This includes Rs. 99 on account of work done for the Government of Orissa.
(*b*) This includes Rs. 68 on account of work done for the Government of Orissa.

NOTES.—(1) The columns (13) to (17) were re-arranged and column (18) added newly in 1932.
(2) The figures in columns (2) and (13) for 1929-30 were also revised in 1932.

APPENDIX II

STATEMENT OF EXPENDITURE ON PUBLIC WORKS DURING THE YEAR 1939-40

Service head	Original Works: Grant (Revised estimate)	Original Works: Outlay	Repairs: Grant (Revised estimate)	Repairs: Outlay	Total: Grant (Revised estimate)	Total: Outlay
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Central.—58—Army						
Works ..	..	..	..	..	..	..
Repairs and Renewals ..	..	..	..	1,539	..	1,539
General charges ..	..	..	..	..	..	..
Establishment ..	..	..	1,920	330	1,920	330
Tools and Plant ..	..	..	..	23	..	23
Audit and Accounts ..	..	..	..	15	..	15
Total ..	..	..	1,920	1,907	1,920	1,907
8.—Military Engineer Services—Ordinary						
Works ..	..	..	..	..	..	..
Repairs and Renewals ..	..	..	..	1,132	..	1,132
General charges ..	..	..	..	..	..	..
Establishment ..	..	..	1,195	152	1,195	152
Tools and Plant ..	..	..	..	10	..	10
Audit and Accounts ..	..	..	..	7	..	7
Total ..	..	..	1,195	1,301	1,195	1,301
Post and Telegraphs						
Works ..	..	1,347	..	..	..	1,347
Repairs and Renewals ..	..	..	..	..	..	..
General charges ..	1,404	..	..	..	..	..
Establishment ..	..	290	..	..	1,404	290
Tools and Plant ..	..	20	..	..	..	20
Audit and Accounts ..	..	14	..	..	..	14
Total ..	1,404	1,671	..	..	1,404	1,671
32.—Ecclesiastical						
Works ..	..	516	..	6,590	..	7,106
Establishment ..	813	111	8,205	1,416	9,018	1,527
Tools and Plant ..	..	8	..	99	..	107
Total ..	813	635	8,205	8,105	9,018	8,740
33.—Payments to Crown Representative						
Works ..	..	..	400	353	400	353
Establishment ..	.. }	.. }	100 {	74	} 100	{ 74
Tools and Plant ..	..	..		5		5
Total ..	..	..	500	432	500	432
36.—Scientific Departments—Archaeological Department						
Works	..	.. }		{ 7,058		{ 7,058
Establishment ..	..	..	7,461	1,597	} 7,461	1,597
Tools and Plant ..	..	..		111		111
Total ..	..	..	7,461	8,766	7,461	8,766

APPENDIX II—*contd.*

STATEMENT OF EXPENDITURE ON PUBLIC WORKS DURING THE YEAR 1939-40

Service head	Original Works		Repairs		Total	
	Grant (Revised estimate)	Outlay	Grant (Revised estimate)	Outlay	Grant (Revised estimate)	Outlay
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
50.—Civil Works—Central—Voted						
Works ..	1,951	1,817	2,126	1,987	4,077	3,804
Establishment ..	..	..	..	..	877	818
Tools and Plant ..	..	..	..	..	61	57
Total ..	1,951	1,817	2,126	1,987	5,015	4,679
Work done for other Governments						
Government of Orissa.—						
Works ..	..	68	..	..	..	68
Establishment ..	..	15	..	..	..	15
Tools and Plant ..	..	1	..	..	..	1
Total ..	..	84	..	..	..	84
50.—Civil Works—Provincial—Part I						
In charge of Public Works Department—						
Buildings—						
Charged ..	200	174	1,188	1,104	1,388	1,278
Voted ..	2,01,539	1,88,936	(*a*)	4,37,178	..	6,26,114
Communications—						
Charged ..	..	..	..	..	..	..
Voted (*i*) Ordinary Revenue.	41,807	35,777	22,91,186	18,38,279	25,34,532	18,74,056
(*ii*) Road Development Fund.	4,66,635	4,55,384	(*b*) 45,325	43,642	5,11,960	4,99,026
Miscellaneous--Voted	5,705	5,698	(*a*)	1,201	5,705	6,899
Establishment—						
Charged ..	..	..	..	..	2,38,000 (*c*)	2,17,801
Voted ..	..	..	..	..	10,82,000 (*e*)	10,78,144
Tools and Plant—						
(*i*) Ordinary Revenue.	..	..	..	..	1,66,697	1,66,349
(*ii*) Road Development Fund.	..	..	..	..	..	..
Grant-in-Aid—						
(*i*) Ordinary Revenue ..	..	..	..	..	19,080	19,079
(*ii*) Road Development Fund.	..	..	..	..	6,375	6,373
Suspense ..	..	..	..	..	—50,815	—53,213
Charges in England ..	..	..	..	..	..	..
Charged ..	..	..	..	..	(*d*)	38,526
Voted ..	..	..	..	..	(*f*)	4,717
Loss or gain by exchange—						
Charged ..	..	..	..	..	(*d*)	162
Voted ..	..	..	..	..	(*f*)	28
Total ..	7,15,886	6,85,969	23,37,699	23,21,404	45,14,922	44,85,339

(*a*) Final grant included in (*b*). (*d*) final grant for this included in (*c*). (*f*) final grant for this included in (*e*).

APPENDIX II—*concld.*

STATEMENT OF EXPENDITURE ON PUBLIC WORKS DURING THE YEAR 1939-40

Service head	Original Works		Repairs		Total	
	Grant (Revised estimate)	Outlay	Grant (Revised estimate)	Outlay	Grant (Revised estimate)	Outlay
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Part I-A.—In charge of local bodies						
Buildings ..	13,677	18,913	6,44,082 (Buildings and Ordinary Revenue)	48,618	6,70,933 (Buildings and Ordinary Revenue)	67,531
Communications—						
(i) Ordinary Revenue ..	13,174	11,953		5,79,021		5,90,974
(ii) Road Development Fund	..	..	1,772	899	1,772	899
Tools and Plant ..	..	..	..	..	..	..
Total ..	26,851	30,866	6,45,854	6,28,538	6,72,705	6,59,404
81.—Civil Works not charged to Revenue						
Buildings—						
Charged ..	2,07,734	2,08,179	..	..	2,07,734	2,08,179
Communications—						
Voted ..	..	..	..	..	..	..
Establishment ..	..	..	..	..	..	..
Charged ..	17,000	14,349	..	..	17,000	14,349
Voted ..	78,000	57,438	..	..	78,000	57,438
Tools and Plant ..	11,000	4,735	..	..	11,000	4,735
Total ..	3,13,734	2,84,701	..	..	3,13,734	2,84,701
54-A.—Famine Relief						
Works ..	..	..	..	..	2,34,837	2,33,831
Establishment ..	..	..	..	..	..	..
Tools and Plant ..	..	..	..	..	..	..
Total ..	..	..	..	..	2,34,837	2,33,831
Fund Contributions						
Deposit Works ..	15,841 (Deposit Works to Audit and Accounts)	13,676	..	..	15,841 (Deposit Works to Audit and Accounts)	13,676
Establishment ..		2,525	..	..		2,525
Tools and Plant ..		176	..	..		176
Audit and Accounts ..		109	..	..		109
Total ..	15,841	16,486	..	..	15,841	16,486
25-F.—General Administration—Work done for Government House						
Works ..	4,848	4,730	24,075	23,261	28,923	27,991
Total ..	4,848	4,730	24,075	23,261	28,923	27,991
Other heads						
Works ..	7,208 (Works to Tools and Plant)	5,478	3,644 (Works to Tools and Plant)	1,086	10,852 (Works to Tools and Plant)	6,564
Establishment ..		1,215		366		1,581
Tools and Plant ..		85		26		111
Total ..	7,208	6,778	3,644	1,478	10,852	8,256

APPENDIX III

STATEMENT SHOWING THE LENGTH OF ROADS MAINTAINED BY THE PUBLIC WORKS DEPARTMENT AND DISTRICT COUNCILS IN THE CENTRAL PROVINCES AND BERAR DURING THE YEAR 1939-40

Name of Public Works Department division	Name of civil district or sub-division	Provincial roads: Maintained by Public Workd Department		Provincial roads: Maintained by district councils		District council roads maintained by district councils		Total		Grand Total
		Metl.	Un-metl.	Metl.	Un-metl.	Metl.	Un-metl.	Metl.	Un-metl.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
		Miles	Miles	Miles	Miles	Miles	Miles	Miles	Miles	Miles
	First Circle.									
Nagpur ..	Nagpur ..	253	2	94	10	13	27	360	39	399
Chanda ..	Chanda ..	265	115	8	104	..	82	273	301	574
	Bhandara ..	13	..	..	..	..	..	13	..	13
	Wardha ..	*213	22	..	..	14	†13	277	35	262
East Berar ..	Amraoti ..	268	34	141	..	58	3	467	37	504
	Akola ..	35	..	..	..	..	..	35	..	35
	Yeotmal ..	220	1	67	19	32	8	319	28	347
West Berar ..	Akola ..	194	..	120	..	79	12	393	12	405
	Buldana ..	77	..	190	32	63	6	330	38	368
	Nimar ..	170	24	45	10	20	7	235	41	276
	Hoshangabad	14	..	..	..	..	..	14	..	14
Satpura ..	Hoshangabad	198	30	..	..	..	101	198	131	329
	Betul ..	186	26	17	58	..	14	203	98	301
	Chhindwara	232	16	64	17	..	44	296	77	373
	Seoni ..	178	15	46	30	3	34	227	79	306
	Narsinghpur	64	..	25	1	..	115	89	116	205
Total—First Circle ..		2,580	285	817	281	282	466	3,679	1,032	4,711
	Mahanadi Circle.									
Wainganga ..	Bhandara ..	113	6	74	70	1	12	188	88	276
	Balaghat ..	124	76	55	69	..	77	179	222	401
Upper and Lower Mahanadi and Kharung.	Raipur ..	264	106	57	180	3	53	324	339	663
Tandula, Upper Mahanadi and Kharung.	Drug ..	‡198	88	8	123	..	22	206	233	439
Kharung ..	Bilaspur ..	118	279	..	..	2	30	120	309	429
Jubbulpore ..	Jubbulpore ..	265	52	..	..	4	241	269	293	562
	Mandla ..	223	285	..	..	..	54	223	339	562
	Saugor ..	260	..	..	..	1	114	261	114	375
	Damoh ..	104	22	50	..	15	88	169	110	279
	Narsinghpur	12	..	..	..	..	..	12	..	12
Total—Mahanadi Circle ..		1,681	914	244	442	26	691	1,951	2,047	3,998
Grand Total ..		4,261	1,199	1,061	723	308	1,157	5,630	3,079	8,709

*Includes 1 mile of Sindi feeder road in charge of the notified area committee, Sindi.

†Includes 8 miles of Sailu-Elikeli road in charge of the Public Works Department for maintenance.

‡Includes 31⅞ miles of Great Eastern Road in the Rajnandgaon State maintained by the Public Works Department.

APPENDIX IV

MILEAGE OF SURFACED ROADS OF VARIOUS CLASSES AND OF MOTORABLE EARTH ROADS IN THE CENTRAL PROVINCES AND BERAR AS ON THE 31st MARCH 1940

Roads	Water bound macadam		Other low type surfaces (moorum, gravel, sand, or clay)	Surface treated with tar, pitch, asphalt or bitumen	Bitumen asphalt, tar or pitch grouted macadam	Premix bitumen, asphalt, tar or pitch	Cement concrete or macadam	Fair weather motorable earth roads	Other motorable roads which cannot be classified under previous headings	Total
	Stone metal only	Kankar laterite or brick metal								
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Public Works Department ..	5,017	..	1,502	233	24	47	1	428	..	7,252*
Local ..	927	26	943	8	22	1	7	818	25	2,877
Total ..	5,944	26	2,445	241	46	48	8	1,346	25	10,129

*Includes eight miles of district council road and 31½ miles of State road maintained by the Public Works Department.

APPENDIX V

LIST OF MAJOR WORKS EXECUTED DURING THE YEAR 1939-40

Name of work	District	Amount of estimate	Expenditure to end of 1938-39	Expenditure during 1939-40	Expenditure to end of the year
(1)	(2)	(3)	(4)	(5)	(6)
		Rs.	Rs.	Rs.	Rs.
Original Works—Buildings					
Police.					
1. Construction of police station houses and staff quarters in the Nagpur city, Sitabuldi and headquarter lines, Nagpur.	Nagpur ..	1,87,494	1,83,815	2,522	*1,86,337
2. Construction of quarters for 1 sub-inspector, 2 head constables, 4 married and 2 single constables and a station house at Timarni.	Hoshangabad ..	16,735 (a)	11,974	4,859	†16,833
3. Construction of quarters for 3 head constables, 9 married and 4 single constables at Pachmarhi.	Do. ..	10,668 (a)	4,825	5,370	†10,195
4. Construction of quarters for 4 head constables, 16 married and 5 single constables at Betul station house.	Betul ..	12,955	5,000	7,220	†12,220
5. Construction of a second class police station house and quarters for 1 sub-inspector, 2 head constables and 4 married constables and a a well at Chichgarh.	Bhandara ..	11,435	9,128	1,348	†10,476
Jails.					
6. Construction of a sub-jail with staff quarters and a double storeyed barrack at Narsinghpur.	Hoshangabad	41,933	36,285	13	‡36,298
Medical.					
7. Construction of quarters for additional staff of the Mental Hospital at Nagpur.	Nagpur ..	17,702	..	16,186	†16,186
Original Works—Communications					
I.—Financed from Provincial Revenue.					
1. Construction as class I-B of the Bulgaon-Kholapur-Daryapur road.	Amraoti ..	6,91,785 (a)	6,80,154	4,272	†6,84,426

(a) Revised.

APPENDIX V—*contd.*

LIST OF MAJOR WORKS EXECUTED DURING THE YEAR 1939-40

Name of work	District	Amount of estimate	Expenditure to end of 1938-39	Expenditure during 1939-40	Expenditure to end of the year
(1)	(2)	(3)	(4)	(5)	(6)
		Rs.	Rs.	Rs.	Rs.
II.—Financed from the Road Development Fund—Central Provinces share.					
2. Construction as class I of the Katol-Jalalkheda road, length 14 3/16 miles.	Nagpur ..	1,24,796 (a)	..	46,268	*46,268
3. Widening the Nagpur-Amraoti road in the Nagpur district.	Do. ..	41,722 (a)	..	14,995	*14,995
4. Widening the Nagpur-Amraoti road in the Wardha district.	Wardha ..	46,797 (a)	..	15,012	*15,012
5. Raising to class I the Wardha-Deoli road, length 10¾ miles.	Do. ..	41,216	..	13,620	*13,620
6. Raising to class I from class II-A the Warora-Chimur road, length 28 miles.	Chanda ..	2,19,722	2,01,241	31	‡2,01,272
7. Widening the Nagpur-Amraoti road in the Amraoti district.	Amraoti ..	58,561 (a)	..	15,949	*15,949
8. Construction as class I of the Daryapur-Badner-Gangai road and on to border, length 15½ miles.	Do. ..	2,71,154 (a)	..	41,164	*41,164
9. Constructing Kalamb-Sirpur section of the Kalamb-Deoli road.	Yeotmal ..	1,06,572 (a)	99,125	7,359	†1,06,484
10. Construction of the Khirpi-Karasgaon-Sirasgaon section of the Khirpi-Ladki road.	Do. ..	80,489 (a)	57,533	17,736	*75,269
11. Construction as class I of Akot-Bandnera-Gangai road up to district border, length 6½ miles.	Akola ..	1,32,378 (a)	..	9,396	*9,396
12. Construction as class I of Akot-Hiwarkhed road, length 14 miles.	Do. ..	1,15,955 (a)	..	12,308	*12,308
13 Construction of the Lavalla-Fetehkhelda road, length 6 miles.	Buldana ..	73,460 (b)	66,035	677	‡66,712

(a) Revised. (b) Modified.

APPENDIX V—*contd.*

LIST OF MAJOR WORKS EXECUTED DURING THE YEAR 1939-40

Name of work	District	Amount of estimate	Expenditure to end of 1938-39	Expenditure during 1939-40	Expenditure to end of the year
(1)	(2)	(3)	(4)	(5)	(6)
		Rs.	Rs.	Rs	Rs.
II.—Financed from the Road Development Fund—Central Provinces share—contd.					
14. Constructing as class I the Burhanpur-Ichhapur road.	Nimar ..	4,91,695	4,80,371	2,292	†4,82,663
15. Construction as class I of the Jaswari-Piplod section of Khandwa-Dhertalai road with bridges, length 10 miles.	Nimar ..	1,35,193 (*a*)	..	12,063	*12,063
16. Raising to class I the Betul-Harda road (Sodalpur-Dhekna section), length 16⅝ miles.	Hoshangabad ..	60,214	..	2,020	§2,020
17. Raising to class I the Hiwarkhedi-Chicholi section of Betul-Harda road, length 9 miles.	Betul ..	68,776	..	15,535	*15,535
18. Raising to class I the class II portion of the Jubbulpore-Katni section, length 17 13/16 miles, of the Jubbulpore-Mirzapur road.	Jubbulpore ..	1,78,000	1,77,123	30	‡1,77,093
19. Constructing a raised causeway over Datta nala in mile 51 furlong 8, of Jubbulpore-Dindori road.	Do. ..	12,664	10,294	10	‡10,304
20. Raising from class II to class I the Sehora-Silondi road, first section from Sehora to Majhgawan, length 10 miles.	Do. ..	49,172	50,452	5	‡50,457
21. Raising to class I the Majhgawan-Silondi road with bridge over Hiran river, length 14½ miles.	Do. ..	24,673 (*c*)	..	1,430	*1,430
22. Raising in class 5 miles of the Balaghat-Baihar road.	Balaghat ..	18,020	14,855	2,132	†16,987
23. Raising to class I the Balaghat-Waraseoni road, length 7 19/32 miles.	Do. ..	32,088	..	10,031	*10,03
24. Raising to class I the Raipur-Bilaspur road, length 6¼ miles.	Raipur ..	35,573	..	12,000	*12,000

(*a*) Revised. (*c*) Part estimate.

APPENDIX V—*contd.*

LIST OF MAJOR WORKS EXECUTED DURING THE YEAR 1939-40

Name of work	District	Amount of estimate	Expenditure to end of 1938-39	Expenditure during 1939-40	Expenditure to end of the year
(1)	(2)	(3)	(4)	(5)	(6)
		Rs.	Rs.	Rs.	Rs.
II.—Financed from the Road Development Fund—Central Provinces share—contd.					
25. Construction as class II-A of the Tirod-Janjgir-Champa road with bridges, length 17⅞ miles.	Bilaspur ..	15,386	..	1,500	*1,500
26. Constructing a submersible bridge over the Wardha river at Sirpur on Deoli-Kalamb road.	Wardha ..	97,550 (*a*)	78,132	11,076	†89,208
27. Construction of Ashti nala causeway on Arvi-Ashti road, about 14½ miles from Arvi.	Do. ..	13,329 (*a*)	..	8,203	*8,203
28. Construction of a submersible bridge over the Wana river on the Bori-Jam road.	Do. ..	35,412	..	506	*506
29. Construction of 3 bridges on the Khirpi-Karasgaon section of the Khirpi-Ladki road.	Amraoti ..	29,358 (*a*)	..	1,933	*1,933
30. Construction of bridges over nallas in mile 7 furlong 7, mile 12 furlong 6, mile 20 furlong 4 and mile 36 of the Standen road.	Akola ..	49,249 (*a*)	31,160	11,730	†42,890
31. Construction of a submersible bridge on the Man river in mile 5 of Shegaon-Akot road.	Do. ..	62,544 (*a*)	..	1,497	*1,497
32. Construction of a submersible bridge on Gyan river in mile 11 of Khamgaon-Nandura road.	Buldana ..	37,777 (*a*)	..	8,419	*8,419
33. Construction of a submersible bridge over Sutala nalla in mile 8 furlong 1 of Khamgaon-Nandura road.	Do. ..	13,312 (*a*)	..	5,969	*5,969
34. Constructing a high level bridge over Tembi nalla in mile 30 furlong 8 of the Burhanpur-Amraoti road.	Nimar ..	30,245 (*a*)	28,415	866	†29,281
35. Constructing a high level bridge over Dulhar nalla in mile 9 furlong 6 of Khandwa-Burhanpur road.	Do. ..	10,015 (*a*)	5,001	4,601	†9,602

(*a*) Revised.

APPENDIX V—*concld.*

LIST OF MAJOR WORKS EXECUTED DURING THE YEAR 1939-40

Name of work	District	Amount of estimate	Expenditure to end of 1938-39	Expenditure during 1939-40	Expenditure to end of the year
(1)	(2)	(3)	(4)	(5)	(6)
		Rs.	Rs.	Rs.	Rs.
II.—Financed from the Road Development Fund—Central Provinces share—concld.					
36. Construction of bridges over the Sur and Mohadi nalas on the Bhandara-Tumsar road.	Bhandara ..	56,890	..	7,315	*7,315
37. Construction of bridges over the Bagh and Ghisri nalas on the Balaghat-Gondia road.	Do. ..	97,849	..	28,252	*28,252
38. Construction of a submersible bridge over Sheonath river on the Simga-Kawardha road.	Drug ..	98,824	..	51,382	*51,382
III.—*Financed from the Road Develpoment Fund—Government of India Reserve.*					
39. Raising in class miles 85 to 95 and 97 to fifth furlong of mile 114 of the Raipur-Sambalpur road.	Raipur ..	1,69,000	1,52,240	16,337	†1,68,577
40. Raising in class the Pamgarh-Sheorinarayan road, length 15 miles; and the last $2\frac{5}{8}$ miles of the Akaltara-Pamgarh road.	Bilaspur ..	80,675	79,347	734	†80,081
41. Raising to class I the Warsa-Gewardha-Kurkheda road, length $16\frac{1}{2}$ miles.	Chanda ..	1,51,380 (*a*)	1,32,640	981	‡1,33,621
42. Raising to class I miles 36 to 46 of the Mandla-Dindori road.	Mandla ..	59,430	56,689	—47	‡56,642
43. Construction of seven minor bridges on the Raipur-Sambalpur road.	Raipur ..	51,680	31,995	19,173	†51,168
44. Construction of a submersible bridge over Penganga river in mile 32 furlong 5 of the Khamgaon-Chikli road.	Buldana ..	40,664 (*a*)	28,043	10,842	†38,885
IV.—Financed from Grant-in-aid—Provincial Revenue.					
45. Construction of a temporary bridge over the Nerbudda river at Mortakka.	Nimar ..	17,550	..	17,550	†17,550
81.—Civil Works—Not Charged to Revenue					
Buildings.					
1. Construction of a High Court building at Nagpur.	Nagpur ..	7,40,809	4,70,298	2,08,179	*6,78,477

(*a*) Revised.

* in progress. †Completed. ‡Completed in 1938-39 and petty adjustments carried out in 1939-40. §In abeyance.

GPN—1491—PWDS—7-1-41—120.